M/037/0088

State of Utah
GARY R. HERBERT
Governor

SPENCER J. COX
Lieutenant Governor

Department of
Environmental Quality

Alan Matheson
Executive Director

DIVISION OF WATER QUALITY
Walter L. Baker, P.E.
Director

RECEIVED
APR 20 2016
DIV. OF OIL, GAS & MINING

APR 19 2016

Mr. Robert M. Frayser
Executive/General Manager
Lisbon Valley Mining Company
P.O. Box 600
Moab, Utah 84532

Dear Mr. Frayser:

Subject: Site Review and Inspection of the Lisbon Valley facility located near La Sal, Utah on March 15, 2016, UPDES Permit Number UTR000737

I appreciated meeting with Lantz Indergard, Doug Wilson, and Ken Ezpeleta on March 15, 2016. Woody Campbell from DWQ was also present. There were no deficiencies in the SWPPP and it was last updated March 2015. The facility currently does not discharge any storm water but has a dedicated monitoring site to allow for sampling in case of a discharge. See attached photos and inspection report. No further response is required at this time.

If you have any questions concerning the report do not hesitate to contact me at (801) 536-4393. Thank you.

Sincerely,

Mike George, Environmental Scientist
Storm Water Section

ACCEPTED
APR 20 2016
DIV. OIL GAS & MINING

MG:nf

Enclosures(3):
1. 3560 (DWQ-2016-008777)
2. Checklist (DWQ-2016-008778)
3. Photos (DWQ-2016-008779)

cc: Mike Bradly, Scientist, Utah Division of Oil, Gas, and Mining, w/enclosure
Dave Ariotti, DEQ Southeastern District Engineer, w/enclosure

DWQ-2016-008776

United States Environmental Protection Agency
Washington, D.C. 20460

Water Compliance Inspection Report

Section A: National Data System Coding *(i.e., ICIS)*

Transaction Code	NPDES	yr/mo/day	Inspection Type	Inspector	Fac. Type
N (1) 5 (2)	U T R 0 0 0 7 3 7 (3–11)	1 6 0 3 1 5 (12–17)	~ (18)	S (19)	2 (20)

Remarks (21–66)

Inspection Work Days	Facility Self-Monitoring Evaluation Rating	BI	QA	Reserved
2 . 0 (67–69)	5 (70)	N (71)	N (72)	(73–74, 75–80)

Section B: Facility Data

Name and Location of Facility Inspected *(For industrial users discharging to POTW, also include POTW name and NPDES permit number)*	Entry Time/ Date	Permit Effective Date
LISBON VALLEY MINING COMPANY LLC 920 SOUTH COUNTY ROAD 313 LA SAL, UTAH 84530	03/15/2016 10:00	01/01/16
	Exit Time/ Date	Permit Expiration Date
	03/15/2016 12:30	12/31/20

Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s)	Other Facility Data *(e.g., SIC NAICS, and other descriptive information)*
KEN EZPELETA ENVIRONMENTAL ENGINEER 435-686-9950 FAX 435-686-2223	SIC 1021

Name, Address of Responsible Official/Title/Phone and Fax Number	Contacted
ROBERT M. FRAYSER EXECUTIVE/GENERAL MANAGER P.O. BOX 400 MOAB, UTAH 435-259-6910	[X] Yes [ ] No

Section C: Areas Evaluated During Inspection *(Check only those areas evaluated)*

[ ]	Permit	[ ]	Self Monitoring Program	[ ]	Pretreatment	[ ]	MS4
[X]	Records/Reports	[ ]	Compliance Schedule	[X]	Pollution Prevention		
[X]	Facility Site Review	[ ]	Laboratory	[X]	Storm Water		
[ ]	Effluent/Receiving Waters	[X]	Operations & Maintenance	[ ]	Combined Sewer Overflow		
[ ]	Flow Measurement	[ ]	Sludge Handling/Disposal	[ ]	Sanitary Sewer Overflow		

Section D: Summary of Findings/Comments

(Attach additional sheets of narrative and checklists, including Single Event Violation codes, as necessary)

SEV Codes	SEV Description

Name(s) and Signature(s) of Inspector(s)	Agency/Office/Phone and Fax Number(s)	Date
MIKE GEORGE, ENVIRONMENTAL SCIENTIST	DIVISION OF WATER QUALITY, (801) 536-4393	4-19-16
Name and Signature of Management Q A Reviewer	Agency/Office/Phone and Fax Number(s)	Date
JEFF STUDENKA, MANAGER STORM WATER SECTION	DIVISION OF WATER QUALITY (801) 536-4395	4-19-16

INSTRUCTIONS

Section A: National Data System Coding *(i.e., ICIS)*

Column 1: Transaction Code: Use N, C, or D for New, Change, or Delete. All inspections will be *new* unless there is an error in the data entered.

Columns 3-11: NPDES Permit No. Enter the facility's NPDES permit number - third character in permit number indicates permit type for U=unpermitted, G=general permit, etc. *(Use the Remarks columns to record the State permit number, if necessary.)*

Columns 12-17: Inspection Date. Insert the date entry was made into the facility. Use the year/month/day format (e.g., 04/10/01 = October 01, 2004).

Column 18: Inspection Type*. Use one of the codes listed below to describe the type of inspection:

A	Performance Audit	X	Toxics Inspection	6	IU Non-Sampling Inspection with Pretreatment
B	Compliance Biomonitoring	Z	Sludge - Biosolids	7	IU Toxics with Pretreatment
C	Compliance Evaluation (non-sampling)	#	Combined Sewer Overflow-Sampling	!	Pretreatment Compliance (Oversight)@ Follow-up (enforcement)
D	Diagnostic	$	Combined Sewer Overflow-Non-Sampling	{	Storm Water-Construction-Sampling
F	Pretreatment (Follow-up)	+	Sanitary Sewer Overflow-Sampling	}	Storm Water-Construction-Non-Sampling
G	Pretreatment (Audit)	&	Sanitary Sewer Overflow-Non-Sampling	:	Storm Water-Non-Construction-Sampling
I	Industrial User (IU) Inspection	\	CAFO-Sampling	~	Storm Water-Non-Construction-Non-Sampling
J	Complaints	=	CAFO-Non-Sampling	<	Storm Water-MS4-Sampling
M	Multimedia	2	IU Sampling Inspection	-	Storm Water-MS4-Non-Sampling
N	Spill	3	IU Non-Sampling Inspection	>	Storm Water-MS4-Audit
O	Compliance Evaluation (Oversight)	4	IU Toxics Inspection		
P	Pretreatment Compliance Inspection	5	IU Sampling Inspection with Pretreatment		
R	Reconnaissance				
S	Compliance Sampling				
U	IU Inspection with Pretreatment Audit				

Column 19: Inspector Code. Use one of the codes listed below to describe the *lead agency* in the inspection.

A-	State (Contractor)	O-	Other Inspectors, Federal/EPA (Specify in Remarks columns)
B-	EPA (Contractor)	P-	Other Inspectors, State (Specify in Remarks columns)
E-	Corps of Engineers	R-	EPA Regional Inspector
J-	Joint EPA/State Inspectors—EPA Lead	S-	State Inspector
L-	Local Health Department (State)	T-	Joint State/EPA Inspectors—State lea
N-	NEIC Inspectors		

Column 20: Facility Type. Use one of the codes below to describe the facility.

1- Municipal. Publicly Owned Treatment Works (POTWs) with 1987 Standard Industrial Code (SIC) 4952.
2- Industrial. Other than municipal, agricultural, and Federal facilities.
3- Agricultural. Facilities classified with 1987 SIC 0111 to 0971.
4- Federal. Facilities identified as Federal by the EPA Regional Office.
5- Oil & Gas. Facilities classified with 1987 SIC 1311 to 1389.

Columns 21-66: Remarks. These columns are reserved for remarks at the discretion of the Region.

Columns 67-69: Inspection Work Days. Estimate the total work effort (to the nearest 0.1 work day), up to 99.9 days, that were used to complete the inspection and submit a QA reviewed report of findings. This estimate includes the accumulative effort of all participating inspectors; any effort for laboratory analyses, testing, and remote sensing; and the billed payroll time for travel and pre and post inspection preparation. This estimate does not require detailed documentation.

Column 70: Facility Evaluation Rating. Use information gathered during the inspection (regardless of inspection type) to evaluate the quality of the facility self-monitoring program. Grade the program using a scale of 1 to 5 with a score of 5 being used for very reliable self-monitoring programs, 3 being satisfactory, and 1 being used for very unreliable programs.

Column 71: Biomonitoring Information. Enter D for static testing. Enter F for flow through testing. Enter N for no biomonitoring.

Column 72: Quality Assurance Data Inspection. Enter Q if the inspection was conducted as follow-up on quality assurance sample results. Enter N otherwise.

Columns 73-80: These columns are reserved for regionally defined information.

Section B: Facility Data

This section is self-explanatory except for "Other Facility Data," which may include new information not in the permit or PCS (e.g., new outfalls, names of receiving waters, new ownership, other updates to the record, SIC/NAICS Codes, Latitude/Longitude).

Section C: Areas Evaluated During Inspection

Check only those areas evaluated by marking the appropriate box. Use Section D and additional sheets as necessary. Support the findings, as necessary, in a brief narrative report. Use the headings given on the report form (e.g., Permit, Records/Reports) when discussing the areas evaluated during the inspection.

Section D: Summary of Findings/Comments

Briefly summarize the inspection findings. This summary should abstract the pertinent inspection findings, not replace the narrative report. Reference a list of attachments, such as completed checklists taken from the NPDES Compliance Inspection Manuals and pretreatment guidance documents, including effluent data when sampling has been done. Use extra sheets as necessary.

*Footnote: In addition to the inspection types listed above under column 18, a state may continue to use the following wet weather and CAFO inspection types until the state is brought into ICIS-NPDES: K: CAFO, V: SSO, Y: CSO, W: Storm Water 9: MS4. States may also use the new wet weather, CAFO and MS4 inspections types shown in column 18 of this form. The EPA regions are required to use the new wet weather, CAFO, and MS4 inspection types for inspections with an inspection date (DTIN) on or after July 1, 2005.

UPDES Storm Water
Industrial Inspection

Background Information *(complete in field)*

National Database Information	
Inspection Type	**W**
UPDES ID Number	UTR000737
Inspection Date	MARCH 15, 2016
Inspector Type	EPA **State** EPA Oversight
Facility Type	OPEN PIT MINE

General	
Inspector Name	MIKE GEORGE
Telephone	801-536-4393
Entry Time	10:00
Exit Time	12:30
Signature	

Facility Location Information				
Name/Location/ Mailing Address	LISBON VALLEY MINING COMPANY 920 SOUTH COUNTY ROAD 313 LA SAL, UTAH 84530			
GPS Coordinates	Latitude	38° 08′ 57″	Longitude	109° 08′ 30″
Receiving Water(s)	NONE			
MS4's	N/A			

Contact Information		
	Name	Telephone
Owner/Permittee	LISBON VALLEY MINING COMPANY	
Operator	SAME	
Co-Permittee		
Facility Contact & Title	KEN EZPELETA ENVIRONMENTAL ENGINEER	435-686-9950
Authorized Official(s)	DOUG WILSON	435-260-8219 X113

Site Information:	
Industrial Activity	COPPER ORE MINING
SIC Code(s)	1021

Basic Permit Information *(circle one)*	Basic SWPPP Information

UPDES Storm Water
Industrial Inspection

Permit Coverage	**Y**	N
Permit Type	**General**	Individual
Copy of NOI on site?	**Y**	N
NOI Date	DECEMBER 15, 2010	

SWPPP on site	**Y**	N
SWPPP Satisfactory*	**Y**	N
SWPPP Implementation Satisfactory	**Y**	N

*A Satisfactory SWPPP must be both current and complete (see pages 4, 5, and 6 of this checklist).

SWPPP Implementation *(complete in field)*

General	
Industrial Activity	*(describe principal product, production rate, potential pollutants, areas exposed to precipitation, direction of storm water flow)* PRINCIPAL PRODUCT IS COPPER ACTIVITIES ARE ORE HEAP LEACHING, SOLVENT EXTRACTION-ELECTRO WINNING, RECLAMATION, AND VEHICLE MAINTENANCE. STORM WATER IS DIVERTED AROUND ACTIVE MINING ACTIVITIES AND POTENTIAL POLLUTANT SOURCES.

Storm Water Controls	
List the structural and non-structural controls employed by the facility.	*(provide a brief description of each)* **STRUCTURAL;** DIVERSION CHANNELS, ENERGY DISSIPATION, EROSION AND SEDIMENT CONTROLS, AND RETENTION BASINS **NON:** STORAGE METHODS, GOOD HOUSEKEEPING, PREVENTATIVE MAINTENANCE. SPILL PREVENTION, INSPECTIONS, AND EMPLOYEE TRAINING
Are the controls reasonable and appropriate for the facility?	*(indicate "yes" or "no", or if not appropriate, explain)* **YES**

Are the controls installed correctly and maintained in effective operating condition?	*(indicate "yes" or "no", or if not appropriate, explain)* ***Yes***

SWPPP Implementation *(continued)*

Miscellaneous	
Any evidence of discharge to receiving waters?	*(e.g., storm water runoff, dry weather discharge, co-mingling of process waste water* ***NO***
Do the storm water outfalls on site correspond with those listed on the site map and in SWPPP?	*(indicate "yes" or "no", or if not appropriate, explain)* ***YES***

SWPPP Review *(can be completed in office)*

General			**Notes:**
Is there a SWPPP?	Y	N	
Is a copy of the SWPPP on site?	Y	N	

Did all "operators" and co-permittees sign the SWPPP?	Y	N	
Did the signatures include the certification statement?	Y	N	
Were the signatories authorized to sign?	Y	N	
Is an individual/team responsible for developing/implementing SWPPP identified (e.g., pollution prevention team)?	Y	N	
Are employee training records regarding storm water pollution prevention topics included in SWPPP?	Y	N	ENVIRONMENTAL TRAINING IS DONE AT LEAST ANNUALLY

Site Map			Notes:
Is there a site map?	Y	N	
Drainage patterns/ outfalls?	Y	N	
Identification of types of pollutants?	Y	N	
Location of major structural controls used to reduce pollutants in runoff?	Y	N	
Name of receiving water(s) or MS4's listed?	Y	N	N/A
Is receiving water a tributary to waters of the U.S. (if "yes" indicate name of tributary)?	Y	N	
Location of significant materials exposed to storm water?	Y	N	
Locations of major spills occurring within 3 years from date of NOI?	Y	N	NO REPORTABLE SPILLS IN THE LAST 3 YEARS
Location of fueling, maintenance, loading and unloading, material storage, waste disposal?	Y	N	.

SWPPP Review (*continued*)

Summary of Potential Pollutant Sources			Notes:
Description of activities, materials, features of site with potential to contribute significant amounts of pollutants to storm water?	Y	N	

Significant Spills & Leaks			Notes:
List of significant spills and leaks over 3 year time period, description of response taken, and actions to prevent similar spills in the future?	Y	N	NO REPORTABLE SPILLS IN THE LAST THREE YEARS.

Storm Water Controls			Notes:
Does the SWPPP describe the *non-structural* controls that will be used to prevent/reduce discharge of pollutants in storm water runoff?	Y	N	
Does the SWPPP describe the *structural* controls that will be used to prevent/reduce discharge of pollutants in storm water runoff?	Y	N	
Does the SWPPP describe other controls that will be used to prevent/reduce off-site tracking or blowing of sediment, dust and raw, final or waste materials, or other solid materials and floating debris?	Y	N	
Does the SWPPP incorporate the 8 baseline controls (good housekeeping, minimizing exposure, PM, spill prevention/response procedures, routine inspections and comprehensive site evaluations, employee training, sediment and erosion control, runoff management)?	Y	N	
Does the SWPPP contain completed routine inspection reports/logs regarding reportable implementation of 8 baseline controls?	Y	N	
Does the SWPPP describe the pollutant or activity to be controlled by each selected control and provide an implementation schedule?	Y	N	

SWPPP Review (*continued*)

Non-Storm Water Discharges			Notes:
Certification that facility has been tested for non-storm water discharges from the site?	Y	N	

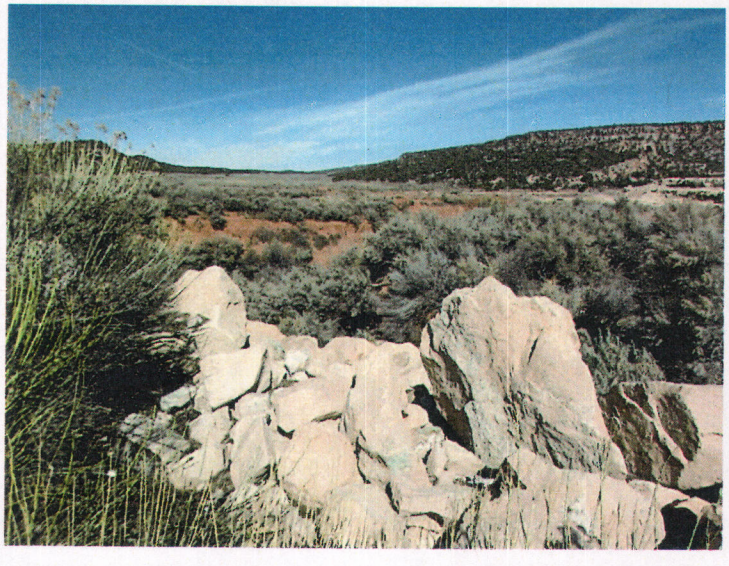
Description of testing method, drainage points, observed results, and date of test?	Y	N	

Monitoring			Notes:
Are samples collected within 30 minutes of measurable weather events occurring 72 hours after previous measurable weather event?	Y	N	NO ANALYTICAL SAMPLES HAVE BEEN TAKEN DUE TO NO DISCHARGE. VISUAL MONITORING IS CONDUCTED QUARTERLY

Photograph Log	
1.	STORM WATER RETENTION POND (LOWER)
2.	DRAINAGE DITCH BELOW LOWER RETENTION POND
3.	SAME AS PHOTO 2
4.	UPPER STORM WATER LINED RETENTION POND
5.	SAME AS PHOTO 4

Lisbon Valley Mines

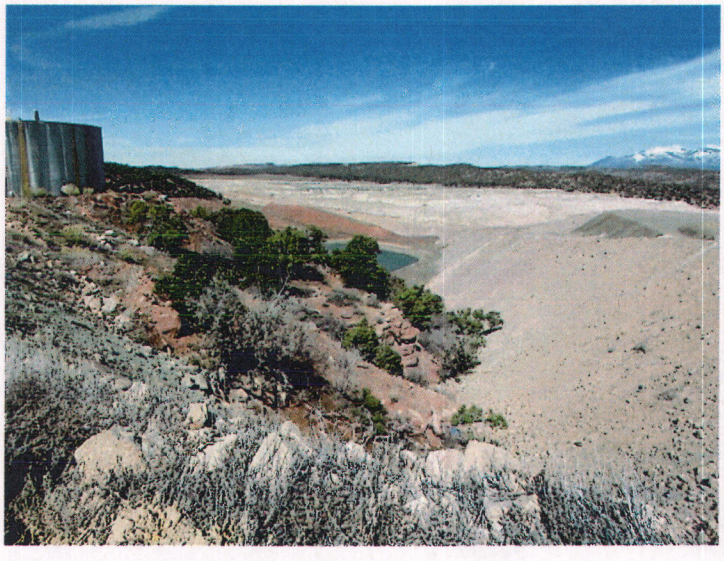
1. Storm water retention pond (lower)



2. Drainage ditch below lower retention pond

Lisbon Valley Mines

3. Same as photo 2



4. Upper storm water lined retention pond

Lisbon Valley Mines

5. Same as photo 4